

Indian Air Force (IAF) Agniveer Vayu Recruitment 2024 : Syllabus

The Indian Air Force will release the syllabus for the Indian Air Force Agniveer Vayu Recruitment. Interested candidates must prepare for the written examination according to the syllabus and exam pattern provided.

Subjects	Topics
1. English	<ul style="list-style-type: none">• Grammar (Parts of Speech, Tenses, Articles, Verbs, Adjectives, Adverbs, Prepositions, Conjunctions)• Vocabulary (Synonyms, Antonyms, One-word Substitution, Idioms and Phrases)• Comprehension Passages• Sentence Rearrangement• Error Spotting
2. Mathematics	<ul style="list-style-type: none">• Arithmetic (Number System, Simplification, Percentage, Ratio & Proportion, Average, Profit & Loss, Time & Work, Time & Distance)• Algebra (Basic Algebraic Identities, Quadratic Equations)• Geometry (Lines & Angles, Triangles, Circles, Quadrilaterals)• Mensuration (Areas & Volumes)• Trigonometry (Trigonometric Ratios, Heights & Distances)
3. Physics	<ul style="list-style-type: none">• Mechanics (Laws of Motion, Work, Energy & Power, Gravitation)• Properties of Matter (Kinetic Theory of Gases, Elasticity, Surface Tension, Viscosity)• Heat (Thermodynamics, Heat Transfer)• Sound (Wave Motion, Characteristics of Sound)• Light (Reflection, Refraction, Optical Instruments)• Electricity & Magnetism (Electric Charges & Fields, Current Electricity, Magnetic Effects of Current)
4. Reasoning & General Awareness (RAGA)	<ul style="list-style-type: none">• Verbal Reasoning (Number Series, Alphabet Series, Coding-Decoding, Analogy)• Non-Verbal Reasoning (Mirror Images, Water Images, Embedded Figures, Figure Completion)

- General Knowledge (Current Affairs, Indian History, Geography, Indian Polity, Economy, Science & Technology, Sports)